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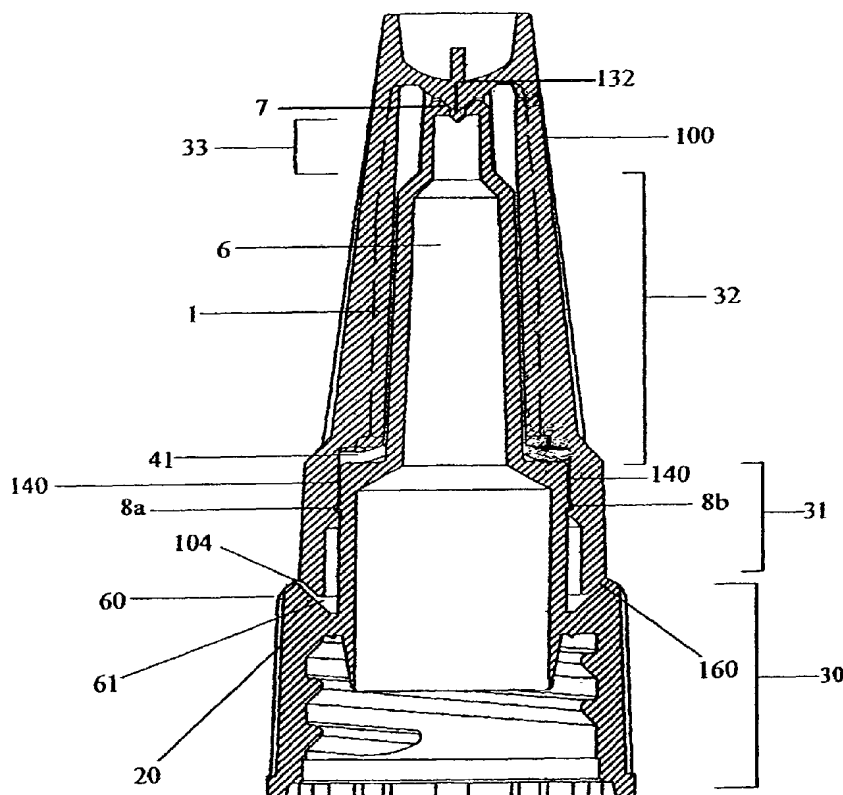
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2004/0076 9 February 2004 (09.02.2004) IE</p> <p>(71) Applicant (<i>for all designated States except US</i>): LOC-TITE (R & D) LIMITED [IE/IE]; Tallaght Business Park, Whitestown, Dublin 24 (IE).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (<i>for US only</i>): SEYMOUR, Geoffrey, Francis [IE/IE]; Sugar Loaf Farm, Kilmacanogue,</p> | <p>County Wicklow (IE). GIBSON, David, James [IE/IE]; 19 Priory View, St. Raphaels Manor, Celbridge, Co. Kildare (IE).</p> <p>(74) Agents: LANE, Cathal, Michael, et al.; Tomkins & Co., 5 Dartmouth Road, Dublin 6 (IE).</p> <p>(81) Designated States (<i>unless otherwise indicated, for every kind of national protection available</i>): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.</p> <p>(84) Designated States (<i>unless otherwise indicated, for every kind of regional protection available</i>): ARIPO (BW, GH,</p> |
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- (54) Title:** A DISPENSING NOZZLE AND CAP



(57) Abstract: A dispensing nozzle (1) having: (i) an elongate nozzle body (2) having a base portion (3) and a dispensing end (5); (ii) an internal conduit (6) in the nozzle body (2) for delivering product from the base portion (3) to the dispensing end (5); (iii) engaging formations on the nozzle for inter-engaging with co-operating engaging formations (8a, 8b) on a cap (100), to hold said cap (100) in a position over-fitting the nozzle (1); and (iv) an external ramp (9a, 9b) on the nozzle body (2) and against which a co-operating portion (110) on the cap (100) may act, to provide sufficient relative separation force between the cap (100) and the nozzle body (2), to separate the engaging formations (8a, 8b) on the cap and the nozzle (1) from an interengaged position. The cap (1) and nozzle (100) when inter-engaged are easily separated by substantially less than one 360° turn and provide a strong separating force which can overcome fouling or bonding caused by curing of dispensed product.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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